

## WEST Search History for Application 10553546

Creation Date: 2009020912:37

Query	DB	Op.	Plur.	Thes.	Date
(polymer or resin) near10 (blend\$3 or mixture)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
molecular weight	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
\$4vinylpyrrolidone or pvp	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
\$4ethylene oxide or peo	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
\$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
diluent or reactive monomer	PGPB, USPT, USOC, EPAB, JPAB,	ADJ			02-09-2009

	DWPI, TDBD				
acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
hydrophilic near5 (monomer or diluent)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
ethylene glycol dimethacrylate	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
benzophenone or dichlorobenzophenone or xanthone	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
coating	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
high molecular weight	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
low molecular weight	PGPB, USPT,	ADJ			02-09-2009

	USOC, EPAB, JPAB, DWPI, TDBD				
polyvinylpyrrolidone or polyvinyl pyrrolidone	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(radiation or UV) near5 cur\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
unsaturated monomer	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
acrylic acid	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
oligomer or prepolymer	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(thermal or heat) near5 cur\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ			02-09-2009

	TDBD				
(polyvinylpyrrolidone or polyvinyl pyrrolidone ) or (\$4vinylpyrrolidone or pvp ) or (\$4ethylene oxide or peo ) or (\$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(diluent or reactive monomer ) or (hydrophilic near5 (monomer or diluent) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp ) or (ethylene glycol dimethacrylate )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((polymer or resin) near10 (blend\$3 or mixture) ) and (diluent or reactive monomer or hydrophilic near5 (monomer or diluent) ) and ((radiation or UV) near5 cur\$4 )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 ) and (polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate ) and (acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009

) and (coating )					
((polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating ) and (benzophenone or dichlorobenzophenone or xanthone )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone ) and (molecular weight )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight ) and 522/\$.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(ambient or room) near5 temperature	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((ambient or room) near5 temperature ) same cur\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((ambient or room) near5 temperature same cur\$4 ) and	PGPB,	ADJ			02-09-2009

((polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls. )	USPT, USOC, EPAB, JPAB, DWPI, TDBD				
((ambient or room) near5 temperature same cur\$4 and (polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls. ) and @ad<20030417	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(coating ) and ((radiation or UV) near5 cur\$4 )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((radiation or UV) near5 cur\$4 ) .ab.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((radiation or UV) near5 cur\$4 .ab. ) and ((ambient or room) near5 temperature same cur\$4 and (polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls. and @ad<20030417 )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009

(polyvinylpyrrolidone or polyvinyl pyrrolidone ) and (\$4vinylpyrrolidone or pvp )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
(polyvinylpyrrolidone or polyvinyl pyrrolidone and \$4vinylpyrrolidone or pvp ) and ((radiation or UV) near5 cur\$4 .ab. and (ambient or room) near5 temperature same cur\$4 and (polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls. and @ad<20030417 )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((ambient or room) near5 temperature same cur\$4 and (polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls. and @ad<20030417 ) and (polyvinylpyrrolidone or polyvinyl pyrrolidone and \$4vinylpyrrolidone or pvp )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009
((ambient or room) near5 temperature same cur\$4 and (polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls. and @ad<20030417 and polyvinylpyrrolidone or polyvinyl pyrrolidone and \$4vinylpyrrolidone or pvp ) not (polyvinylpyrrolidone or polyvinyl pyrrolidone and \$4vinylpyrrolidone or pvp and (radiation or UV) near5	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			02-09-2009

<p>cur\$4 .ab. and (ambient or room) near5 temperature same cur\$4 and (polymer or resin) near10 (blend\$3 or mixture) and diluent or reactive monomer or hydrophilic near5 (monomer or diluent) and (radiation or UV) near5 cur\$4 and polyvinylpyrrolidone or polyvinyl pyrrolidone or \$4vinylpyrrolidone or pvp or \$4ethylene oxide or peo or \$4hydroxyethyl methacrylate or \$4hydroxypropyl methacrylate and acrylic acid or \$3vinyl\$2pyrrolidone or \$4vinylpyrrolidone or vp or ethylene glycol dimethacrylate and coating and benzophenone or dichlorobenzophenone or xanthone and molecular weight and 522/\$.ccls, and @ad&lt;20030417 )</p>					
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